

SITE INVESTIGATION FACTUAL REPORT

Report No: SI-321278

Client: Sedgwick International UK - Maidstone

Site: 6 Dartmouth Park Avenue

Camden

Client Ref: 9268334

Date of Visit: 19/07/2021







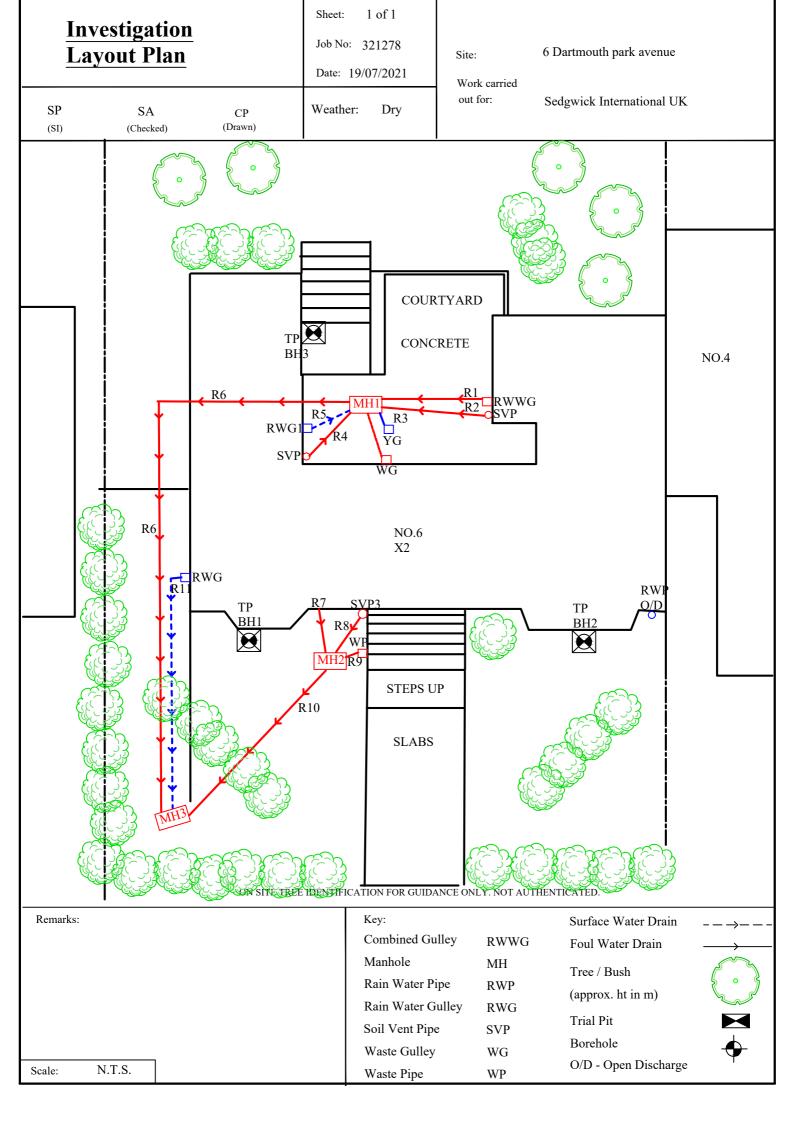








Home Emergency Response - Subsidence Investigation - Drainage Services - Crack & Level Monitoring - Property Video Surveys

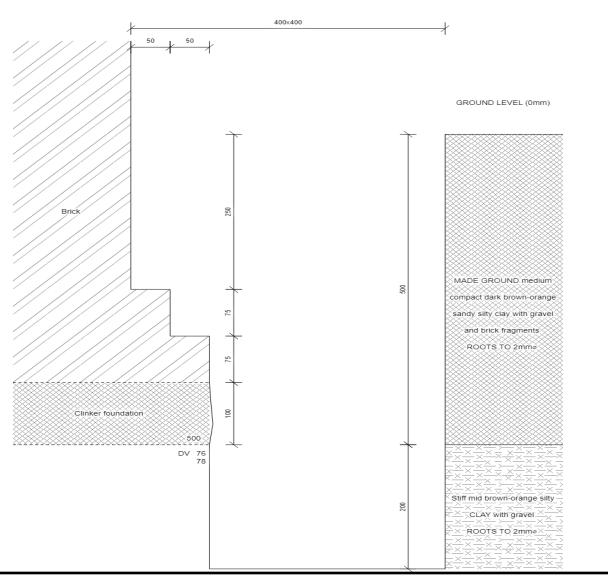




TEST REPORT: Trial Pit

TRIAL PIT REF: 1 WEATHER: Dry

EXCAVATION METHOD: Hand Tools



Remarks:

For strata below 700mm see bore hole log

		_	1/Dat		Sheet:	1 of 2	Site:	6 Dartmou	th Park A	venue, L	ONDON	, NW5
	Boreh	nole			Job No:	321278		1JN				
			um		Date:	19/07/2021						
Boring N	/lethod:	Hand Auger	•		Ground Level:		Client:	Sedgwick II	nternatio	nal UK Li	td	
Diamete	er (mm):	75	Weather:	dry								
Depth	<u> </u>	1		Soil Description				I		Sam	ples and	Tests
(m)								Thickness	Legend		Туре	Result
0.00	See Trial	D:+						0.70	Legena	Deptii	турс	Result
0.00	see mai	PIL						0.70				
0.70	Stiff orar	nge-brown CL/	AY					4.30	==			
									==			
									==			
									==	1.00	DV	114
									==			120
												- 120
										1.50	F) :	120
										1.50	DV	130+
									==			130+
									==			
									==			
									==			
									===	2.00	DV	130+
									===			130+
									===			
									==			
									_=			
									==	2.50	DV	130+
									==	2.30	DV	
												130+
									==			
									==			
									==	3.00	DV	130+
									==			130+
									===			
									===			
									===			
									==	3.50	DV	130+
									==			130+
									===			
									==			
									==			
										4.00	DV	120:
										4.00	υV	130+
												130+
									==			
									==			
										4.50	DV	130+
									==			130+
									===			
									===			
Remarks	: ::					Key:					То	Max
c.marks						D - Disturbed Sa	mnle				Depth	Dia
						B - Bulk Sample	pic					
							ulo.	Doots			(m)	(mm)
						W - Water Samp	ne	Roots				
						J - Jar Sample		Roots				
						V - Pilcon Shear						
						M - Mackintosh		Depth to W	/ater (m)			
			1	T	Т	TDTD - Too Dens						
Logged:		SP	SA	Checked:	Approved:	Version	V1.0 28/0	1/16			N.T.S.	

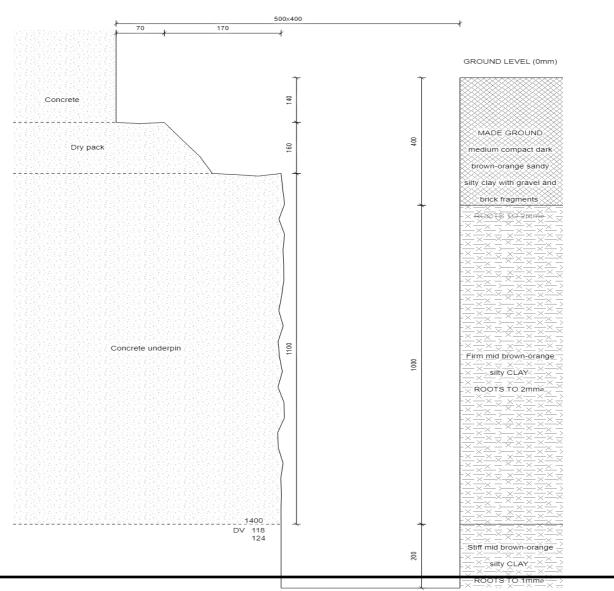
		_	1/Dat		Sheet:	2 of 2		6 Dartmou	th Park Av	enue, L	ONDON,	NW5
	Boreł	nole			Job No:	321278		1JN				
		I	um		Date:	19/07/2021						
Boring M		Hand Auger		1	Ground Level:		Client:	Sedgwick Ir	nternation	nal UK Lt	d	
Diameter Depth	r (mm):	75	Weather:	dry Soil Description						Sami	oles and	Tosts
(m)				3011 Description				Thickness	Legend	Depth	Type	Result
5.00				End of BH				THICKHC33	Legena	5.00	DV	130+
3.00				Elia of Bil						3.00		130+
Domeste						Vav					Т-	Marr
Remarks: BH ends a		/ater seepage a	t 2.5.BH open	with standing water level a		Key: D - Disturbed Sa	mnle				To Depth	Max Dia
				im installed at 5.0m.		B - Bulk Sample	mpie				(m)	(mm)
•						W - Water Samp	le	Roots			1.40	1
						J - Jar Sample		Roots				
						V - Pilcon Shear						
						M - Mackintosh		Depth to W	ater (m)		4.80	
Logar-1		CD	lc A	Chaskadi		TDTD - Too Dens					NTC	
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TEST REPORT: Trial Pit

TRIAL PIT REF: 2 WEATHER: Dry

EXCAVATION METHOD: Hand Tools



Remarks:

For strata below 1600mm see bore hole log

		_			Sheet:	1 of 2		6 Dartmout	th Park Av	enue, L	ONDON,	NW5
	Boreh	ole	2		Job No:	321278		1JN				
					Date:	19/07/2021						
Boring M	1ethod:	Hand Auger			Ground Level:		Client:	Sedgwick Ir	nternation	nal UK Lt	:d	
Diamete	r (mm):	75	Weather:	dry								
Depth		-	•	Soil Description						Sam	ples and	Tests
(m)								Thickness	Legend	Depth	Type	Result
0.00	See Trial	Pit						1.60				
1.60	Stiff oran	ge-brown silt	y CLAY					3.40	××			
		•							××			
									××			
									××			
									××	2.00	DV	130+
									××			130+
									××			
									××			
									××			
									××	2.50	DV	130+
									××			130+
									××			
									××			
									××			
									<u>×</u> ×	3.00	DV	130+
									××			130+
									<u>×x</u>			
									××			
									××			
									××	3.50	DV	130+
									××			130+
									××			
									××			
									××			
									××	4.00	DV	130+
									××			130+
									××			
									××			
									××			
									××	4.50	DV	130+
									××			130+
									××			
									××			
									××			
Remarks:	:					Кеу:				<u> </u>	То	Max
						D - Disturbed Sa	mple				Depth	Dia
						B - Bulk Sample					(m)	(mm)
						W - Water Samp	ile	Roots			` ''	`,
						J - Jar Sample		Roots				
						V - Pilcon Shear	Vane (kPa					
						M - Mackintosh		Depth to W	/ater (m)			
						TDTD - Too Den				Į.		
Logged:		SP	SA	Checked:			V1.0 28/0				N.T.S.	

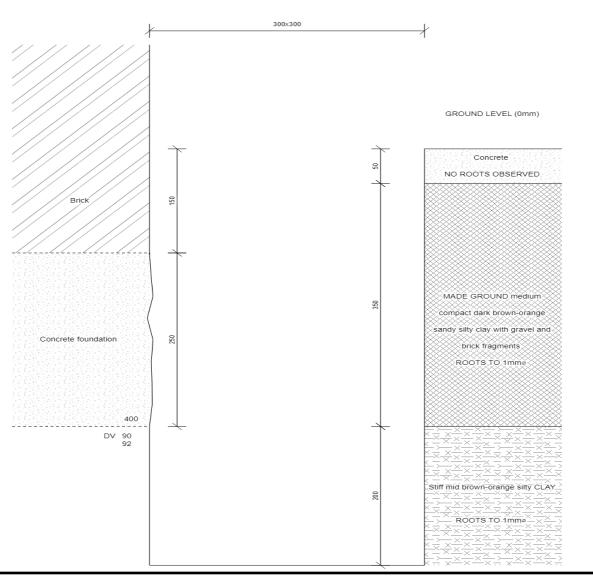
		_	_		Sheet:	2 of 2	Site:	6 Dartmou	th Park Av	/enue, L	ONDON	NW5
	Boreł	nole	2		Job No:	321278		1JN				
		l			Date:	19/07/2021						
Boring M		Hand Auger	I	Τ.	Ground Level:		Client:	Sedgwick I	nternation	nal UK Lt	td	
Diameter	(mm):	75	Weather:	dry						C	.1	T
Depth				Soil Description				Thickness	1		ples and	
(m) 5.00				End of BH				Inickness	Legena	Depth 5.00	Type DV	Result 130+
5.00				EIIU OI BH						5.00	DV	130+
												130+
Remarks:						Key:		<u> </u>	<u> </u>		То	Max
		H dry and open	on completio	on,no roots observed below	2.1m .	D - Disturbed Sa	mple				Depth	Dia
	_	,				B - Bulk Sample					(m)	(mm)
						W - Water Samp	le	Roots			2.10	1
						J - Jar Sample		Roots				
						V - Pilcon Shear		Roots				
						M - Mackintosh		Depth to V	Vater (m)			
			1	T	Т.	TDTD - Too Dens						
Logged:		SP	SA	Checked:	Approved:	Version	V1.0 28/0	1/16			N.T.S.	



TEST REPORT: Trial Pit

TRIAL PIT REF: 3 WEATHER: Dry

EXCAVATION METHOD: Hand Tools



Remarks:

For strata below 600mm see bore hole log

TP moved from original position due to TP being in steps, TP moved to first step which was larger

		_			Sheet:	1 of 2		6 Dartmout	th Park Av	enue, L	ONDON,	NW5
	Boreh	ole	3		Job No:	321278		1JN				
					Date:	19/07/2021						
Boring M	lethod:	Hand Auger			Ground Level:		Client:	Sedgwick Ir	nternation	nal UK Lt	:d	
Diamete	r (mm):	75	Weather:	dry								
Depth		•	•	Soil Description						Samı	ples and	Tests
(m)								Thickness	Legend	Depth	Туре	Result
0.00	See Trial	Pit						0.60				
0.60	Stiff oran	ge-brown silt	y CLAY					4.40	××			
									<u>×</u> ×			
									<u>×</u> ×			
									<u>×</u> ×			
									<u>~ ×</u>	1.00	DV	130+
									$\frac{x}{x} - \frac{x}{x}$			130+
									^ <u>×</u>			
									<u>~~</u> ×			
									×	1 50	DV	130+
									$\frac{}{x}$	1.50	DV	130+
									^ <u>×</u>			130+
									$\frac{x}{x} - \frac{x}{y}$			
									<u>~x</u>			
									<u>×</u> ×	2.00	DV	130+
									××	2.00		130+
									${\times}$			
									××			
									xx			
									××	2.50	DV	130+
									××			130+
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									××			
									××	3.00	DV	130+
									××			130+
									××			
									××			
									××			
									<u>×—×</u>	3.50	DV	130+
									<u>×</u> ×			130+
									<u>×</u> _×			
									<u>×</u> _×			
									<u>×</u> —×	4.00	F	422
									$\frac{x}{x} - \frac{x}{x}$	4.00	DV	130+
									<u> </u>			130+
									<u>~</u> ~			
									<u>~x</u>			
									$\frac{\hat{x}}{x} = \frac{x}{x}$	4.50	DV	130+
									<u>×</u> ×	7.50	٧٧	130+
									<u>×</u> ×			2001
									<u>×</u> ×			
									××			
Remarks						Кеу:			- 7		То	Max
						D - Disturbed Sa	mple				Depth	Dia
						B - Bulk Sample	•				(m)	(mm)
						W - Water Samp	le	Roots				
						J - Jar Sample		Roots				
						V - Pilcon Shear	Vane (kPa	Roots				
						M - Mackintosh		Depth to W	/ater (m)			
				1		TDTD - Too Dens		9		'-		
Logged:	<u> </u>	SP	SA	Checked:	Approved:	Version	V1.0 28/0	1/16			N.T.S.	

					Sheet:	2 of 2	Site:	6 Dartmout	th Park A	venue, L	ONDON	NW5
	Boreł	nole	3		Job No:	321278		1JN				
					Date:	19/07/2021						
Boring M		Hand Auger			Ground Level:		Client:	Sedgwick In	nternatio	nal UK Lt	td	
Diamete	r (mm):	75	Weather:	dry								
Depth				Soil Description							ples and	
(m)								Thickness	Legend	Depth	Type	Result
5.00				End of BH						5.00	DV	130+
												130+
Darrie !						Va					- .	
Remarks:		H dry and onen	on completio	n,no roots observed .		Key:	mnla				To	Max
יים בוועא	at 9.0111.B	i i ui y aiiu open	on completio	m, no roots observed .		D - Disturbed Sa B - Bulk Sample					Depth (m)	Dia (mm)
						W - Water Sample		Roots		1	(111)	(111/11)
						J - Jar Sample	,,,,	Roots				
						V - Pilcon Shear	Vane (kPa					
						M - Mackintosh		Depth to W	ater (m)			
						TDTD - Too Den			····/			
Logged:		SP	SA	Checked:			V1.0 28/0				N.T.S.	



SITE INVESTIGATION LABORATORY TEST REPORT

SI REPORT NUMBER: 321278

CLIENT: CET Property Assurance (Sedgwick International UK)

SITE:

6 Dartmouth Park Avenue London NW5 1JN

DATE OF SITE VISIT:

19/07/2021

DATE RECEIVED BY LABORATORY:

20/07/2021

Compiled by :

J. Garrett - Laboratory Manager (B)

James

Approved by:.....

J. Garrett - Laboratory Manager (B)

DATE REPORTED: 29-Jul-2021

Laboratory Summary Results

Our Ref: 321278 Date Sampled: 19/07/2021

Date Received: Location: 6 Dartmouth Park Avenue, London, NW5 1JN 20/07/2021 Client:

Date Tested: 20/07/2021 CET Property Assurance (Sedgwick International UK)

Address: Unit 4, Boundary Court, Willow Farm Business Park, Castle Donington, Leicestershire, DE74 2NN Date of Report: 29/07/2021

	ample Ref	т	Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity *		Soil *		Soil	Oedometer	Estimated *	In situ *		pH *	Sulphate (g /		*
TP/BH No	Depth (m)	Type	Content	Fraction > 0.425mm	Limit	Limit	Index	Index	Plasticity Index	Class	Contact Time	Sample Suction	Strain	Heave Potential (Dd)	Shear Vane Strength	Content	Value	so ₃	SO ₄	Class
	,		(%) [1]	(%) [2]	(%)[3]	(%)[4]	(%)[5]	[5]	(%)[6]	[7]	(d)	(kPa) [8]	[9]	(mm)[10]		(%)[12]	[13]	[14]	[15]	[16]
1	U/S 0.50	D	35	<5	80	26	54	0.17	54	CV	7	164			77					
	1.0	D	30	<5											117					
	1.5	D	28	<5	75	27	48	0.02	48	CV	7	668			> 130					
	2.0	D	28	<5											> 130					
	2.5	D	31	<5	79	29	50	0.05	50	CV	7	638			> 130					
	3.0	D	32	<5											> 130					
	3.5	D	32	<5	78	23	55	0.16	55	CV	7	461			> 130					
	4.0	D	32	<5											> 130					
	4.5	D	31	<5							7	537			> 130					
	5.0	D	30	<5							7	504			> 130					
																				1

Test Methods / Notes

- [1] BS 1377: Part 2: 1990, Test No 3.2
- [2] Estimated if <5%, otherwise measured
- [3] BS 1377: Part 2: 1990, Test No 4.4
- [4] BS 1377: Part 2: 1990, Test No 5.3
- [5] BS 1377: Part 2: 1990, Test No 5.4
- [6] BRE Digest 240: 1993
- [7] BS 5930 : 2018 : Figure 8 Plasticity Chart for the classification

- [8] In-house method S9a adapted from BRE IP 4/93
- [9] In-house Test Procedure S17a: One Dimensional Swell/Strain Test
- [10] Estimated Heave Potential (Dd)
- [11] Values of shear strength were determined in situ by CTS using
- a Pilcon hand vane or Geonor vane (GV).
- [12] BS 1377: Part 3: 1990, Test No 4
- [13] BS 1377: Part 2: 1990, Test No 9
- [14] BS 1377: Part 3: 1990, Test No 5.6
- [15] SO₄ = 1.2 x SO₃

[16] BRE Special Digest One (Concrete in Aggressive Ground) August 2005 Note that if the SO4 content falls into the DS-4 or DS-5 class, it would be

prudent to consider the sample as falling into the DS-4M or DS-5M class respectively unless water soluble magnesium testing is undertaken

to prove otherwise.

* These tests are not UKAS accredited Full reports can be provided upon request.

Key D

Disturbed sample (small) Disturbed sample (bulk) Undisturbed sample

Groundwater sample ENP Essentially Non-Plastic by inspection

Underside of Foundation



Test results reported relate only to the items tested.

321278 Our Ref:

Laboratory Testing Results

Location: 6 Dartmouth Park Avenue, London, NW5 1JN

Client: CET Property Assurance (Sedgwick International UK)

Unit 4, Boundary Court, Willow Farm Business Park, Castle Donington, Leicestershire, DE74 2NN Address:

	ample Ref.		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity *	Modified *	Soil *	Filter Paper	Soil	Oedometer	Estimated *	In situ *	Organic *	pH *	Sulphate		*
TP/BH	Depth	Type	Content	Fraction	Limit	Limit	Index	Index	Plasticity	Class	Contact	Sample	Strain	Heave	Shear Vane	Content	Value	(g /		Class
No.	(m)		(%) [1]	> 0.425mm (%) [2]	(%)[3]	(%)[4]	(%)[5]	[5]	Index (%)[6]	[7]	Time (d)	Suction (kPa) [8]	[9]	Potential (Dd) (mm)[10]	Strength (kPa) [11]	(%)[12]	[13]	so ₃ [14]	^{SO} 4 [15]	[16]
2	U/S 1.40	D	32	<5	76	29	47	0.07	47	CV	7	307			121					
	2.0	D	32	<5											> 130					
	2.5	D	32	<5	77	23	54	0.17	54	CV	7	620			> 130					
	3.0	D	31	<5											> 130					
	3.5	D	30	<5	75	22	53	0.14	53	CV	7	596			> 130					
	4.0	D	32	<5											> 130					
	4.5	D	32	<5							7	622			> 130					
	5.0	D	32	<5							7	537			> 130					

Test Methods / Notes

- [1] BS 1377: Part 2: 1990, Test No 3.2
- [2] Estimated if <5%, otherwise measured
- [3] BS 1377: Part 2: 1990, Test No 4.4
- [4] BS 1377: Part 2: 1990, Test No 5.3
- [5] BS 1377: Part 2: 1990, Test No 5.4
- [6] BRE Digest 240: 1993
- [7] BS 5930: 1981: Figure 31 Plasticity Chart for the classification
- - [11] Values of shear strength were determined in situ by CTS using

 - [12] BS 1377: Part 3: 1990, Test No 4
 - [13] BS 1377: Part 2: 1990, Test No 9

 - [15] $SO_4 = 1.2 \times SO_3$

- [9] In-house Test Procedure S17a: One Dimensional Swell/Strain Test
- [10] Estimated Heave Potential (Dd)
- a Pilcon hand vane or Geonor vane (GV).
- [14] BS 1377: Part 3: 1990, Test No 5.6

[16] BRE Special Digest One (Concrete in Aggressive Ground) August 2005 Note that if the SO4 content falls into the DS-4 or DS-5 class, it would be

prudent to consider the sample as falling into the DS-4M or DS-5M class respectively unless water soluable magnesium testing is undertaken to prove otherwise.

* These tests are not UKAS accredited

Full reports can be provided upon request

Key D

- Disturbed sample (small) Disturbed sample (bulk) Undisturbed sample Groundwater sample ENP Essentially Non-Plastic by inspection
- U/S Underside of Foundation



19/07/2021

20/07/2021

20/07/2021

29/07/2021

Date Sampled:

Date Received:

Date of Report:

Date Tested:

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the laboratory.

Our Ref: 321278

Laboratory Testing Results

Location: 6 Dartmouth Park Avenue, London, NW5 1JN

Client: CET Property Assurance (Sedgwick International UK)

Unit 4, Boundary Court, Willow Farm Business Park, Castle Donington, Leicestershire, DE74 2NN Address:

TP/BH No.	ample Ref. Depth (m)	Туре	Moisture Content	Soil Fraction > 0.425mm (%) [2]	Liquid Limit (%)[3]	Plastic Limit (%)[4]	Plasticity Index (%)[5]	Liquidity * Index [5]	Modified * Plasticity Index	Soil * Class	Filter Paper Contact Time	Sample Suction	Oedometer Strain	Estimated * Heave Potential (Dd)	In situ * Shear Vane Strength	Organic * Content (%)/12]	pH * Value	Sulphate (g)		* Class
			(/0) [1]	(70) [2]	(/0) [3]	(/0) [+]	(70) [3]	[3]	(%)[6]	[/]	(d)	(kPa) [8]	[9]	(mm)[10]	(KI &) [11]	(/0)[12]	[13]	[17]	[13]	[10]
3	U/S 0.40	D	28	<5	71	25	46	0.07	46	CV	7	654			91					
	1.0	D	30	<5											> 130					
	1.5	D	33	<5	76	24	52	0.17	52	CV	7	552			> 130					
	2.0	D	31	<5											> 130					
	2.5	D	32	<5	77	24	53	0.14	53	CV	7	620			> 130					
	3.0	D	31	<5											> 130					
	3.5	D	32	<5	80	28	52	0.08	52	CV	7	615			> 130					
	4.0	D	32	<5											> 130					
	4.5	D	28	<5							7	806			> 130					
	5.0	D	30	<5							7	661			> 130					

Test Methods / Notes

- [1] BS 1377: Part 2: 1990, Test No 3.2
- [2] Estimated if <5%, otherwise measured
- [3] BS 1377: Part 2: 1990, Test No 4.4
- [4] BS 1377: Part 2: 1990, Test No 5.3
- [5] BS 1377: Part 2: 1990, Test No 5.4
- [6] BRE Digest 240: 1993
- [7] BS 5930: 1981: Figure 31 Plasticity Chart for the classification

Test results reported relate only to the items tested.

- [9] In-house Test Procedure S17a: One Dimensional Swell/Strain Test
- [10] Estimated Heave Potential (Dd)
- [11] Values of shear strength were determined in situ by CTS using
- a Pilcon hand vane or Geonor vane (GV).
- [12] BS 1377: Part 3: 1990, Test No 4
- [13] BS 1377: Part 2: 1990, Test No 9
- [14] BS 1377: Part 3: 1990, Test No 5.6
- [15] $SO_4 = 1.2 \times SO_3$

[16] BRE Special Digest One (Concrete in Aggressive Ground) August 2005

Note that if the SO4 content falls into the DS-4 or DS-5 class, it would be prudent to consider the sample as falling into the DS-4M or DS-5M class respectively unless water soluable magnesium testing is undertaken to prove otherwise.

* These tests are not UKAS accredited

Full reports can be provided upon request

Key

D Disturbed sample (small) Disturbed sample (bulk) U Undisturbed sample Groundwater sample ENP Essentially Non-Plastic by inspection

Date Sampled:

Date Received:

Date of Report:

Date Tested:

19/07/2021

20/07/2021

20/07/2021

29/07/2021

U/S Underside of Foundation



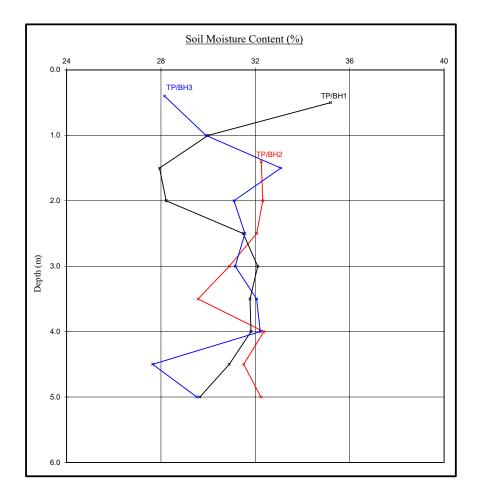


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Moisture Content Profiles

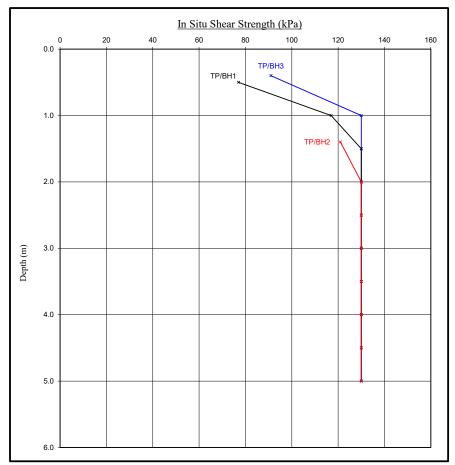
Our Ref: 321278

Location: 6 Dartmouth Park Avenue, London, NW5 1JN Work carried out for: CET Property Assurance (Sedgwick International UK)



Shear Strength Profiles

Date Sampled: 19/07/2021 Date Received: 20/07/2021 Date Tested: 20/07/2021 Date of Report: 29/07/2021



Note

- 1. Unless otherwise stated, values of Shear Strength were determined in situ by CTS using a Pilcon Hand Vane the calibration of which is limited to a maximum reading of 130 kPa.
- 2. Unless specifically noted the profiles have not been related to a site datum.

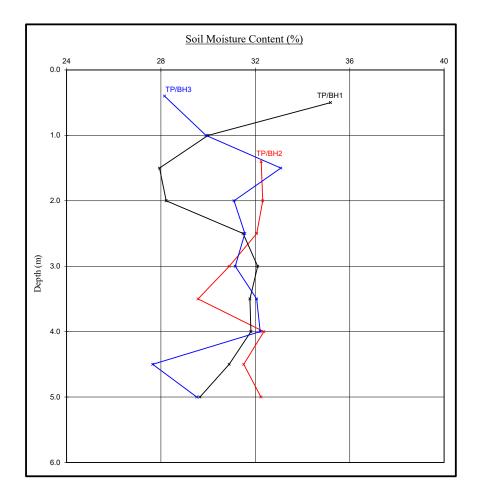
 $[\]frac{Notes}{1.\ \ If\ plotted,\ 0.4\ LL\ and\ PL+2\ (after\ Driscoll,\ 1983\)\ should\ only\ be\ applied\ to\ London\ Clay\ (and\ similarly\ overconsolidated)}$ clay) at shallow depths.

^{2.} Unless specifically noted the profiles have not been related to a site datum.

Moisture Content Profiles

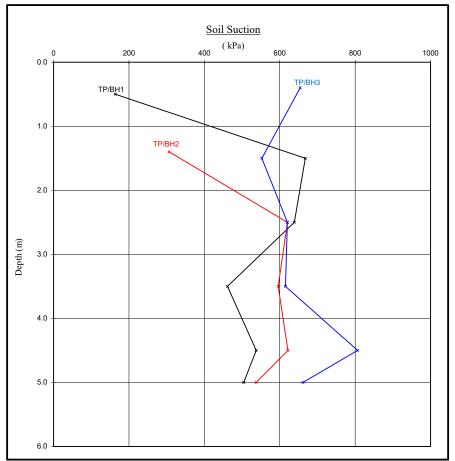
Our Ref: 321278

Location: 6 Dartmouth Park Avenue, London, NW5 1JN Work carried out for: CET Property Assurance (Sedgwick International UK)



Soil Suction Profiles

Date Sampled: 19/07/2021 Date Received: 20/07/2021 Date Tested: 20/07/2021 Date of Report: 29/07/2021



When shown, the theoretical equilibrium suction profiles are based on conventional assumptions associated with London Clay (and similarly overconsolidated clays) at shallow depths. Note that the sample disturbance component is dependant on the method of sampling and any subsequent recompaction. The above plots show this to be 100kPa which is the value suggested by the BRE on the basis of their limited number of tests on recompacted samples. This may or may not be appropriate in this instance and judgement should be exercised.

 $[\]frac{Notes}{1.\ If\ plotted,\ 0.4\ LL\ and\ PL+2\ (after\ Driscoll,\ 1983\)\ should\ only\ be\ applied\ to\ London\ Clay\ (and\ similarly\ overconsolidated)}$ clay) at shallow depths.

^{2.} Unless specifically noted the profiles have not been related to a site datum.





CET
Unit E2
First Floor Suite
Boundary Court
Willow Farm Business Park
Castle Donnington
Derbyshire
DE74 2NN

Intec Parc Menai, Bangor, Gwynedd, North Wales LL57 4FG Tel: 01248 672652

Fax: 01248 672601

ROOT IDENTIFICATION

6 Dartmouth Park Avenue

Client Reference: 321278
Report Date: 26 July 2021
Our Ref: R42832

Sub Sample	Species Identified		Root Diameter	Starch
TP1:				
USF	Lonicera spp.	1	2 mm	Abundant
USF	Pomoideae gp.		2 mm	Moderate
BH1:				
to 1.4m	Pomoideae gp.		<1 mm	Absent
to 1.4m	broadleaved species, too juvenile for positive identification	2	<1 mm	Absent
TP2:				
USF	broadleaved species, too decayed for positive identification	3	<1 mm	Absent
BH2:				
to 2.1m	broadleaved species, too decayed for positive identification	4	1 mm	Absent
TP3:				
USF	Pomoideae gp.	5	1 mm	Abundant

Comments:

- 1 Plus 1 other also identified as Lonicera spp.
- 2 Plus 1 other the same.
- 3 Plus 2 others the same.
- 4 Plus 2 others the same.
- 5 Plus 2 others also identified as Pomoideae gp.

Lonicera spp. are honeysuckles, both climbing and shrub forms; related species include *Symphoricarpos* spp. (snowberry). Pomoideae gp include apple, cotoneaster, hawthorn, pear, pyracantha, quince, rowan, snowy mespil and whitebeam.

Signed: R J Shaw

Unless we are otherwise instructed in writing, the above sample material will normally be disposed of 6 years after the date of this report.



				Sheet:		Site:	6 Dartmouth Park Avenue, LO	ONDON, NW5 1JN	
Co	ding 9	Sheet		Job No.:	321278				
				Date:	19/07/2021	Client:	Sedgwick International UK Lt	d	
Run:	1								
From:		М	H1	Invert Lev	/el:	475	Direction:	U/S	
To:		RW	WG1	Invert Lev	/el:		Function:	Comb	
Pipe Mater	ial:	٧	/C	Pipe Dia:		100			
Water/Pres	sure Te	st:	Fail	Drain Bre	ak-In:	No	Gully Condition:	Poor	
Distance	Code	Cloc	k Ref	Dia	Intrus	sion	Shared Run:	No	
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST						Remarks	Surface Material	Length (m)
0.20	CC						Crack circumferential		
1.10	JDM						Joint displaced medium		
2.30	JDM						Joint displaced medium	CONCRETE	
2.30	RTJ						Roots tap at joint		
3.20	FH						REACHED RWWG1		
Comments:									
_									
Run:	2			٦			¬	11/6	
From:			H1	Invert Lev		475	Direction:	U/S	
To:			wc	Invert Lev	/el:		Function:		
Pipe Mater	,		/C	Pipe Dia:		100			
Water/Pres				Drain Bre		No	Gully Condition:		
Distance	Code		k Ref	Dia	Intrus	sion	Shared Run:	No	
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST		<u> </u>				Remarks	Surface Material	Length (m)
0.20	JDM		<u> </u>				Joint displaced medium		
0.20	LL						slight		
1.10	JDM						Joint displaced medium	CONCRETE 3.6	
1.60	JDM						Joint displaced medium		
1.60	CC	12	12				Crack circumferential	UNDER BUILDING	
3.20	JN	12		100			svp1		
3.20	CX		ــــــ				Connection defective		
3.60	LU		<u> </u>				Line deviates up		
3.90	FH		<u> </u>				reached ds wc 1		
Comments:									
UNABLE TO	TEST								

Run:	3								
From:		M	H1	Invert Lev	ام	475	Direction:	U/S	
To:			G	Invert Lev	-	473	Function:	0/3	
Pipe Materi	al·		'C	Pipe Dia:	CI.	100			
Water/Pres				Drain Bre	ak In:	100	Gully Condition:		
Distance	Code		k Ref	Dia	Intrus	rion	Shared Run:		
	Coue		_	-			If Shared How:		
(m) 0.00	ST	at	to	mm	%	mm	Remarks	Surface Material	Lanath (na)
								Surface Material	Length (m)
0.60	JDL						Joint displaced large		
0.60	DES				80		Debris silt	11.1	
0.60	SA						unable to push, yg in poor co	ndition	
Comments:									
WG1 juction		un 3							
UNABLE TO									
Run:	4			٦			¬	11/0	
From:			H1	Invert Lev	-	475	Direction:	U/S	
To:		_	'P2	Invert Lev	rel:		Function:		
Pipe Materi			'C	Pipe Dia:		100	_		
Water/Pres				Drain Bre			Gully Condition:		
Distance	Code	Cloc	k Ref	Dia	Intrus	sion	Shared Run:		
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST						Remarks	Surface Material	Length (m)
0.60	LU						Line deviates up		
0.80	FH						reached svp2		
Comments:									
UNABLE TO	TEST								
Run:	5								
From:		М	H1	Invert Lev	el:	475	Direction:	U/S	
To:		rw	g1	Invert Lev	el:		Function:	S/W	
Pipe Materi	al:	٧	'C	Pipe Dia:		100	7		
Water/Pres	sure Tes	st:	Fail	Drain Bre	ak-In:	No	Gully Condition:	Poor	
Distance	Code	Cloc	k Ref	Dia	Intrus	sion	Shared Run:		
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST						Remarks	Surface Material	Length (m)
0.10	LU						Line deviates up		
0.30	FH						reached rwg1		
Comments:		1					· · · · · · · · · · · · · · · · · · ·	ı	•

Run:	6			_			_		
From:		MH1 Invert Level:		el:	475	Direction:	D/S		
To:	D/S		/S	Invert Level:			Function:	Comb	
Pipe Materi	al:	V	'C	Pipe Dia:		100	1		
Water/Pres	sure Te	st:		Drain Brea	ak-In:		Gully Condition:		
Distance	Code	Cloc	k Ref	Dia	Intrus	sion	Shared Run:		
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST						Remarks	Surface Material	Length (m)
0.20	JDM						Joint displaced medium		
0.80	JDM						Joint displaced medium		
0.80	CC						Crack circumferential	CONCRETE 0.3M	
1.40	CC						Crack circumferential		
2.00	МН						reached buried mh MC 150MM	UNDER BUILDING 3.0M	
3.80	WL				10		Water level		
3.80	JDM						Joint displaced medium		
4.90	JDM						Joint displaced medium		
4.90	LL						Line deviates left		
5.70	JDM						Joint displaced medium		
5.70	CC						Crack circumferential		
6.30	CC						Crack circumferential		
8.40	CC						Crack circumferential		
9.50	CC						Crack circumferential		
11.00	CC						Crack circumferential		
11.00	JDM						Joint displaced medium		
11.60	CC						Crack circumferential		
12.20	RMJ						Roots mass		
12.80	RMJ						Roots mass		
12.80	CC						Crack circumferential		
14.50	MC			150			liner		
17.60	LL						slight		
21.50	RMJ						Roots mass		
21.60	FH						reached mh3		
Comments:							•	<u> </u>	
UNABLE TO	TEST								
Run:	7			7		1	=		
From:		М	H2	Invert Lev		1700	Direction:	U/S	
To:				Invert Lev	el:		Function:		
Pipe Materi			'C	Pipe Dia:		100	1		
Water/Pres	sure Te			Drain Bre			Gully Condition:		
Distance	Code	Cloc	k Ref	Dia	Intrus	sion	Shared Run:		
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST						Remarks	Surface Material	Length (m)
0.70	JDM						Joint displaced medium		
1.10	DE				100		Debris	SOIL	
1.10	SA						unable to push]	
Comments:									
					А	ssumed to	be not in use		

Run:	8	<u> </u>		_			_		
From:		M	IH2	Invert Level:		1700	Direction:	U/S	
To:	ļ	int	t bd	Invert Lev	el:		Function:	F/W	
Pipe Materi	ial:	P۱	VC	Pipe Dia:		100	1		
Water/Pres		st:		Drain Brea	ak-In:		Gully Condition:		
Distance	Code		k Ref	Dia	Intrus	sion	Shared Run:		
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST			†	,		Remarks	Surface Material	Length (m)
0.70	LU	\vdash		+			Line deviates up	7	1
0.80	FH			+		 	reached svp3	SOIL	+
Comments:			<u> </u>				readica 31.po	10012	
UNABLE TO									
ONABLE 10	ILJ.								I
Run:	9								
From:	9	M	IH2	Invert Lev	ام	1700	Direction:	U/S	
To:	ļ		p1	Invert Lev		1/00	Function:	F/W	
	:_I.		/C		ei:	100	- Function:	1 / Vv	
Pipe Materi		L		Pipe Dia:	- L. L.,	100 No	Culler Canadition.		
Water/Pres			Fail	Drain Brea		No	Gully Condition:	No.	
Distance	Code		k Ref	Dia	Intrus		Shared Run:	No	
(m)	<u> </u>	at	to	mm	%	mm	If Shared How:		1
0.00	ST	<u> </u>	<u> </u>			<u> </u>	Remarks	Surface Material	Length (m)
0.00	LU	<u> </u> '	<u> </u>			<u> </u>	Line deviates up		
0.40	FH	<u> </u>	<u> </u>			<u> </u>	reached wp1		
Comments:									
JDL NOTED	ON LIN	E UP							
Run:	10								
From:		М	IH2	Invert Lev	el:	1700	Direction:	D/S	
To:	ļ	М	IH3	Invert Lev	rel:		Function:	F/W	
Pipe Materi	ial:	$\overline{}$	/C	Pipe Dia:	1	100	†	L	
Water/Pres			Pass	Drain Brea	ak-In:		Gully Condition:		
Distance	Code		k Ref	Dia	Intrus	sion	Shared Run:		
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST			1		111111	Remarks	Surface Material	Length (m)
0.00	DE	$\vdash \vdash \vdash$	 	+	10		Debris	Juliuce Materia.	LCIIBUI (,
0.10	MC	\vdash	 	100	10		liner		+
		igwdot	 	100	20			COII /CHBLIBC	+
0.90	D	igwdown	├──	+	20		Deformed sewer	SOIL/SHRUBS	+
3.60	LR	₩	├	+			slight		+
3.80	FH		<u> </u>				reached mh3		
Comments:									
Run:	11	<u> </u>		_			_		
From:	rom:		vg2	Invert Lev	el:	200	Direction:	D/S	
To:	ļ	M	IH3	Invert Lev	el:	1700	Function:	S/W	
Pipe Materi	ial:	P۱	VC	Pipe Dia:		100	7		
Water/Pres	sure Te	st:	Pass	Drain Brea	ak-In:		Gully Condition:	As Built	
Distance	Code		k Ref	Dia	Intrus	ion	Shared Run:		
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST			†	,		Remarks	Surface Material	Length (m)
0.20	LD			+			Line deviates down		0- , ,
0.50	GO	$\vdash \vdash \vdash$	\vdash	+		 	line levels		+
0.50	MC	+		+		\vdash	liner	CONCRETE	+
		igwdown	├──	┼──┦				CONCRETE	+
5.20	FH		<u> </u>				reached mh3		
Comments:									

To: 0 Our Ref: 321278

 Subsidence Scanning Centre
 Your Ref:
 9268334

 Ground Floor
 Your Ref:
 9268334

 Fountain Court
 West Yorkshire
 Date:
 21-Jul-21

 LS27 OIG
 LS27 OIG
 21-Jul-21

2027 000

0

Ftao:

ESTIMATE

Site:- 6 Dartmouth Park Avenue

Item 1.0	Location Shared System Condition Grade Drain Serviceability	Run1 MH1 RWWG1 no 0 0		Amount £562.00
	Work Spec	excavation through concreteto remove and replace gully and section of pipework. install 3 metre 100mm liner		
2.0	Location Shared System Condition Grade Drain Serviceability	Run 2 MH1 DSWC1 no 0 0		£592.00
	Work Spec	excavation through concreteto remove and replace rest bend, junction and section of pipework, install 3 metre 100mm liner. This excavation internal as per site plan and drainage pack, need to speak to engineer for what enabling required as no photos supplied.	is	
3.0	Location Shared System Condition Grade Drain Serviceability	Run 3 MH YG1 no 0 0		£272.00
	Work Spec	excavation through concrete to remove gully and metre of pipework.		
4.0	Location Shared System Condition Grade Drain Serviceability	Run 5 MH1 RWG1 no	0 0	£272.00
	Work Spec	excavation through concrete to remove gully and metre of pipework.		
5.0	Location Shared System Condition Grade Drain Serviceability Work Spec	Run 6 MH1-buried chamber-MH3 no 2 metre 100mm liner downstream of MH1. install 3 x 2metre 150mm patch liners upstream of MH3 to cover over defects in run to buried	0 0	£1,195.00
6.0	Location Shared System Condition Grade Drain Serviceability	chamber Run 9 MH2 WP1 no 0	0	£250.00
	Work Spec	1 x 100mm patch repair		
7.0	Location Shared System Condition Grade Drain Serviceability Work Spec	Run 7 presumed disused as per engineers notes 0	0 0	

Notes

Repairs to shared runs and off boundary pipe-work may be the responsibility of the water authority.

Total £3,143.00

£628.60

Condition Grade

A - Structurally sound with no leakage evident. B - Cracks and fractures observed.

C - Structurally unsound

Total + VAT £3,771.60

plus VAT @20%

Site:-6 Dartmouth Park Avenue

Client :-Attention of:-

Client ref 9268334 Job Number 321278 Insurer Date:-21-Jul-21

	Description		Recommendat	ion	1
Item No	Runi MHI RWWGI	Unit	Quantity	Rate	Price
				(£)	(£)
1.0 1.1	Emergency Drain Blockage Clearance Unblock drain 8am-6pm - First 1/2 Hour	Item		£70.00	£0.00
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item		£30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys	lton		£130.00	£0.00
2.3	Undertake CCTV survey 8am-6pm (up to 3 hours) Additional 1/2 hr survey charge	Item Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gulley (100mm outlet)	Item	1	£130.00	£130.00
3.3	Take out and replace rodding point (100mm outlet) Bends/junctions	Item	-	£90.00	£0.00
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item		£70.00	£0.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m. Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item Item	-	£70.00 £70.00	£0.00
		Item		£/0.00	10.00
3.13	Pipes			997.00	605.00
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m. Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m m	1	£95.00 £120.00	£95.00 £0.00
3.16	Excavate trench and replace 150mm/9 pipework, Excavation depth 0-1m, First 10m. Excavate trench and replace 100mm/9 pipework, Excavation depth 0-1m.	m m		£120.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m		£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m	t	£160.00	£0.00
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m		£150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.00
3.24 3.25	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m. Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m m	1	£250.00 £270.00	£0.00
		111		2270.00	10.00
3.26	Surface Reinstatement of Trenches			60.00	60.00
3.27 3.28	Excavate through and reinstate turf. Excavate through and replace concrete paving slabs	m	-	£0.00	£0.00
3.29	Excavate through and replace concrete paving snass	m		£50.00	£0.00
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	1	£47.00	£47.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.00
3.33 3.34	Excavate through and reinstate reinforced concrete, thickness 100-200mm. Excavate through and reinstate Tarmac - Cold rolled	m m	-	£115.00 £48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	20.00
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item	1	£290.00	£290.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
4.3	Super Flex Liner 100mm drain Line 150mmØ drain	m	1	£90.00 £70.00	£0.00
4.3	Super Flex Liner 150mm drain	m m		£110.00	£0.00
4.4	Post lining CCTV survey	no		£100.00	£0.00
4.5	Minimum lining charge	Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr		£65.00	£0.00
4.7	Set up lining rig for patch lining Patch line 100mmØ drain	Item no		£0.00 £250.00	£0.00
4.9	Patch line 150mmØ drain	no	†	£280.00	£0.00
4.10	Post patch lining CCTV survey	Item		£100.00	£0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm Re-open lateral branch over 2m length, pipe up to 150mm	no	1	£190.00 £280.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm Epoxy resin	no no	 	£280.00	£0.00
E 0		110			20.00
5.0 5.1	Miscellaneous Excavation and backfill of soakaway (1m3) with stone	Item	 	£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%	†	1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value	Item		£346.50	£0.00
5.5 5.6	Water Supply pine investigation	 	1	£195.43	£0.00
5.0	Water Supply pipe investigation Spot Repair		 	£592.25	£0.00
5.7					£0.00
5.7 5.8					-
5.8	Additional items			l l	
5.8 6.0	Additional items De-scaling (faterine)	hr		£65 00	£0.00
5.8	Additional items De-scaling (fat/grime) De-scaling (scale using chain flails)	hr hr		£65.00 £90.00	£0.00 £0.00
5.8 6.0 6.1 6.2 6.3	De-scaling (fat/grime) De-scaling (scale using chain flails) Gully surround			£90.00 £30.00	£0.00 £0.00
5.8 6.0 6.1 6.2 6.3 6.4	De-scaling (fat/grime) De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m)	hr item item		£90.00 £30.00 £80.00	£0.00 £0.00 £0.00
5.8 6.0 6.1 6.2 6.3 6.4 6.6	De-scaling (fat/grime) De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m) Oversize soakaway (1.5m3)	hr item item item		£90.00 £30.00 £80.00 £600.00	£0.00 £0.00
5.8 6.0 6.1 6.2 6.3 6.4 6.6 6.7	De-scaling (fat/grime) De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m) Oversize soakaway (1.5m3) Soakaway >1.5m3	hr item item item item		£90.00 £30.00 £80.00 £600.00 POA	£0.00 £0.00 £0.00
5.8 6.0 6.1 6.2 6.3 6.4 6.6	De-scaling (fat/grime) De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m) Oversize soakaway (1.5m3)	hr item item item	0	£90.00 £30.00 £80.00 £600.00	£0.00 £0.00 £0.00
5.8 6.0 6.1 6.2 6.3 6.4 6.6 6.7 6.8	De-scaling (fat/grime) De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m) Oversize soakaway (1.5m3) Soakaway > 1.5m3 Waste disposal	hr item item item item item	0 1.0	£90.00 £30.00 £80.00 £600.00 POA £20.00	£0.00 £0.00 £0.00 £0.00

Note: Subject to the attached Terms and Condtions

A. When calculating prices, all measurements are rounded up

C. - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

G. - Daywork rates do not include for materials that are charged at cost plus 25%

KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

6 Dartmouth Park Avenue Site:-

Client :-Attention of:-

Client ref 9268334 Job Number 321278 Insurer Date:-21-Jul-21

Recommendation

	Description		Recommendat	ion	2
Item No	Run 2 MHI DSWC1	Unit	Quantity	Rate	Price
				(£)	(£)
1.0 1.1	Emergency Drain Blockage Clearance Unblock drain 8am-6pm - First 1/2 Hour	Item		£70.00	£0.00
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item		£30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys	ltom		C420.00	£0.00
2.3	Undertake CCTV survey 8am-6pm (up to 3 hours) Additional 1/2 hr survey charge	Item Item		£130.00 £30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gulley (100mm outlet)	Item		£130.00	£0.00
3.3	Take out and replace rodding point (100mm outlet) Bends/junctions	Item		£90.00	£0.00
3.5	Excavate and replace rest bend (100mm outlet)	Item	1	£90.00	£90.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item	1	£70.00	£70.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m. Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item Item		£70.00 £70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13		Tion.			20.00
3.14	Pipes Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	1	£95.00	£95.00
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m		£120.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m		£95.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m		£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.00
3.20 3.21	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m. Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m m		£150.00 £160.00	£0.00
	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.				
3.22 3.23	Excavate trench and replace 100mm/0 pipework, Excavation depth 1.5-2.0m, First 10m. Excavate trench and replace 150mm/0 pipework, Excavation depth 1.5-2.0m, First 10m.	m m		£270.00 £290.00	£0.00
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.00
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.00
3.29	Excavate through and replace block paving Excavate through and reinstate plain concrete, maximum thickness 100mm.	m m	1	£50.00 £47.00	£0.00 £47.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m	1	£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.00
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m		£115.00	£0.00
3.34	Excavate through and reinstate Tarmac - Cold rolled Excavate through and reinstate Tarmac - Hot rolled	m m		£48.00 POA	£0.00
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item	1	£290.00	£290.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
1.2	Super Flex Liner 100mm drain	m		£90.00	60.00
4.3	Line 150mmØ drain Super Flex Liner 150mm drain	m m		£70.00 £110.00	£0.00
4.4	Post lining CCTV survey	no		£100.00	£0.00
4.5	Minimum lining charge	Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr		£65.00	£0.00
4.7 4.8	Set up lining rig for patch lining Patch line 100mmØ drain	Item no		£0.00 £250.00	£0.00
4.9	Patch line 150mmØ drain	no		£280.00	£0.00
4.10	Post patch lining CCTV survey	Item		£100.00	£0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm Re-open lateral branch over 2m length, pipe up to 150mm	no		£190.00 £280.00	£0.00
4.13	Epoxy resin	no no		£280.00	£0.00
5.0	Miscellaneous				
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%		£1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value Sonde location equipment	Item		£346.50 £99.00	£0.00
5.5 5.6	Water Supply pipe investigation	Item		£195.43	£0.00
5.7	Spot Repair			£592.25	£0.00
5.8				£0.00	£0.00
6.0	Additional items				
6.1	De-scaling (fat/grime)	hr		£65.00	£0.00
6.2	De-scaling (scale using chain flails)	hr		£90.00	£0.00
6.3	Gully surround	item		£30.00	£0.00
6.4	Manhole works (up to 1.2m) Oversize soakaway (1.5m3)	item		£80.00	£0.00
6.6	Soakaway >1.5m3	item item		POA	£0.00
	Waste disposal	m		£20.00	£0.00
6.8	waste disposal				
	Shoring	m		£40.00	£0.00
6.8			2.0 0.00		£0.00 £592.00 £0.00

Note: Subject to the attached Terms and Conditions

A. When calculating prices, all measurements are rounded up

C. - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

G. - Daywork rates do not include for materials that are charged at cost plus 25%

KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

Site:-6 Dartmouth Park Avenue

Client :-Attention of:-

Client ref 9268334 Job Number 321278 Insurer Date:-21-Jul-21

	Description		Recommendat	ion	3
Item No	Run 3 MHI YGI	Unit	Quantity	Rate	Price
				(£)	(£)
1.0	Emergency Drain Blockage Clearance	14		070.00	00.00
1.1 1.2	Unblock drain 8am-6pm - First 1/2 Hour Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item Item	1	£70.00 £30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys				
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.00
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies			2420.00	24.20.00
3.2	Take out and replace gulley (100mm outlet) Take out and replace rodding point (100mm outlet)	Item Item	1	£130.00 £90.00	£130.00 £0.00
3.4	Bends/junctions	Item	1	250.00	10.00
3.5	Excavate and replace rest bend (100mm outlet)	Item	İ	£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item		£70.00	£0.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item	İ	£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13	Pipes				
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	1	£95.00	£95.00
3.15 3.16	Execute trench and replace 150mmØ pipework, Executation depth 0-1m, First 10m.	m	-	£120.00 £95.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m. Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m m	 	£95.00 £120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19 3.20	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m. Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m m	 	£160.00 £150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m	1	£290.00	£0.00
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.00
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.00
3.29	Excavate through and replace block paving	m		£50.00	£0.00
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	1	£47.00	£47.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32 3.33	Excavate through and reinstate reinforced concrete, maximum thickness 100mm. Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m	-	£90.00 £115.00	£0.00
3.34	Excavate through and reinstate Termorced concrete, thickness 100-200mm.	m m		£48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	20.00
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item		£290.00	£0.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
	Super Flex Liner 100mm drain	m		£90.00	
4.3	Line 150mmØ drain	m		£70.00	£0.00
4.4	Super Flex Liner 150mm drain Post lining CCTV survey	m		£110.00 £100.00	£0.00
4.5	Minimum lining charge	no Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr		£65.00	£0.00
4.7	Set up lining rig for patch lining	Item		£0.00	£0.00
4.8	Patch line 100mmØ drain	no		£250.00	£0.00
4.9	Patch line 150mmØ drain	no		£280.00	£0.00
4.10 4.11	Post patch lining CCTV survey Minimum patch lining charge	Item Item	 	£100.00 £250.00	£0.00
4.11	Re-open lateral branch up to 2m length, pipe up to 150mm	no	 	£190.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no		£280.00	£0.00
	Epoxy resin	no		£22.00	
5.0	Miscellaneous	T-			
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%		£1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value	Item		£346.50	£0.00
5.5 5.6	Water Supply nine investigation	+	-	£0.00 £195.43	£0.00
5.7	Water Supply pipe investigation Spot Repair	+	 	£592.25	£0.00
5.8	To be a seeking	1		£0.00	£0.00
6.0	Additional items				
		L -		£65 00	CO 00
6.1	De-scaling (fat/grime) De-scaling (scale using chain flails)	hr hr	 	£65.00 £90.00	£0.00
0.2	Gully surround	item	-	£30.00	£0.00
63	Manhole works (up to 1.2m)	item		£80.00	£0.00
6.3 6.4			1	£600.00	£0.00
6.3 6.4 6.6	Oversize soakaway (1.5m3)	item		£000.00	
6.4	Oversize soakaway (1.5m3) Soakaway>1.5m3	item item		POA	
6.4 6.6 6.7 6.8	Oversize soakaway (1.5m3) Soakaway > 1.5m3 Waste disposal	item m		POA £20.00	£0.00
6.4 6.6 6.7	Oversize soakaway (1.5m3) Soakaway > 1.5m3 Waste disposal Shoring	item		POA	£0.00 £0.00
6.4 6.6 6.7 6.8	Oversize soakaway (1.5m3) Soakaway > 1.5m3 Waste disposal	item m	3.0	POA £20.00	£0.00

Total subject to VAT @ 20%

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C - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

G - Daywork rates do not include for materials that are charged at cost plus 25%

KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

Site:-6 Dartmouth Park Avenue

Client :-Attention of:-

Client ref 9268334 Job Number 321278 Insurer Date:-21-Jul-21

	Description				
em No	Run 5 MHI RWG1	Unit	Quantity	Rate	Pric
				(£)	(£)
1.0	Emergency Drain Blockage Clearance	14		070.00	£0.0
1.1	Unblock drain 8am-6pm - First 1/2 Hour Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item Item		£70.00 £30.00	£0.0
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.0
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.0
		Kom		200.00	20.0
2.1	CCTV Surveys				20.0
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.0
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.0
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gulley (100mm outlet)	Item	1	£130.00	£130.
3.3	Take out and replace rodding point (100mm outlet)	Item		£90.00	£0.0
3.4	Bends/junctions				
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.0
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.0
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item		£70.00	£0.0
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.0
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item	-	£70.00	£0.0
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item	1	£70.00	£0.0
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item	ļ	£70.00	£0.0
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.0
3.13	Pipes			 	
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	1	£95.00	£95.0
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m. Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.		1	£120.00	£0.0
		m m	 	£95.00	
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m			£0.0
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m	 	£120.00	£0.0
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.0
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.0
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m	i	£150.00	£0.0
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m	1	£160.00	£0.0
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.0
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.0
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.0
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.0
3.26	Surface Reinstatement of Trenches				
3.27				60.00	CO C
	Excavate through and reinstate turf.			£0.00	£0.0
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.0
3.29	Excavate through and replace block paving	m		£50.00	£0.0
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	1	£47.00	£47.
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.0
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.0
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m		£115.00	£0.0
3.34	Excavate through and reinstate Tarmac - Cold rolled	m		£48.00	£0.0
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	
3.36	Reinstatement of crazy paving	m		£75.00	£0.0
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item		£290.00	£0.0
				£50.00	£0.0
4.2	Line 100mmØ drain	m			10.0
	Super Flex Liner 100mm drain	m		£90.00	20.0
4.3	Line 150mmØ drain	m	1	£70.00	£0.0
	Super Flex Liner 150mm drain	m		£110.00	
4.4	Post lining CCTV survey	no	ļ	£100.00	£0.0
4.5	Minimum lining charge	Item		£290.00	£0.0
4.6	Root cutting of drain prior to lining	hr		£65.00	£0.0
4.7	Set up lining rig for patch lining	Item		£0.00	£0.0
4.8	Patch line 100mmØ drain	no		£250.00	£0.0
4.9	Patch line 150mmØ drain	no		£280.00	£0.0
4.10	Post patch lining CCTV survey	Item		£100.00	£0.0
4.11	Minimum patch lining charge	Item		£250.00	£0.0
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no		£190.00	£0.0
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no		£280.00	£0.0
	Epoxy resin	no		£22.00	
F.C.					
5.0	Miscellaneous		ļ		
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.0
5.2	% Uplift on disbursements and suppliers charges	%		£1.25	£0.0
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.0
5.4	Minimum project value	Item		£346.50	£0.0
5.5				£0.00	£0.0
5.6	Water Supply pipe investigation			£195.43	£0.0
5.7	Spot Repair			£592.25	£0.0
5.8	<u>'</u>		İ	£0.00	£0.0
	Additional items				~0.0
6.0	Additional items				
6.1	De-scaling (fat/grime)	hr		£65.00	£0.0
6.2	De-scaling (scale using chain flails)	hr	1	£90.00	£0.0
6.3	Gully surround	item	†	£30.00	£0.0
6.4	Manhole works (up to 1.2m)	item	 	£80.00	£0.0
6.6	Oversize soakaway (1.5m3)	item	 	£600.00	£0.0
6.7	Soakaway >1.5m3	item	1	POA	10.0
			 		£0.0
6.8	Waste disposal	m m		£20.00	
6.9	Shoring	m	<u> </u>	£40.00	£0.0
	Total Estimate Price For Recommendation Number		4.0	1 7	£272.
	Subject to discount		0.00		£0.0

- Note: Subject to the attached Terms and Conditions

 A When calculating prices, all measurements are rounded up

 C Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

 G Daywork rates do not include for materials that are charged at cost plus 25%

 KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

- B Depths are taken to the base of excavations
 D All rates exclude VAT
 F The above rates are subject to re-measurement
 E Depths are taken to the base of excavations

Site:-6 Dartmouth Park Avenue

Client :-Attention of:-

Client ref 9268334 Job Number 321278 Insurer Date:-21-Jul-21

	Description		Recommendat	ion	5
Item No	Run 6 MHI-buried chamber-MH3	Unit	Quantity	Rate	Price
				(£)	(£)
1.0 1.1	Emergency Drain Blockage Clearance Unblock drain 8am-6pm - First 1/2 Hour	Item		£70.00	£0.00
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item		£30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys				
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.00
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies	T.		8130.00	60.00
3.2	Take out and replace gulley (100mm outlet) Take out and replace rodding point (100mm outlet)	Item Item	-	£130.00 £90.00	£0.00
3.4	Bends/junctions	ricin		270.00	20.00
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item		£70.00	£0.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item	İ	£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13	Pipes				
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m		£95.00	£0.00
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m		£120.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m		£95.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m	<u> </u>	£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.00
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m	ļ	£150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.00
3.24 3.25	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m	-	£250.00 £270.00	£0.00
	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		\$270.00	10.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28 3.29	Excavate through and replace concrete paving slabs Excavate through and replace block paving	m		£30.00 £50.00	£0.00
3.30	Excavate through and replace block paving Excavate through and reinstate plain concrete, maximum thickness 100mm.	m m	1	£47.00	£0.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.00
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m		£115.00	£0.00
3.34	Excavate through and reinstate Tarmac - Cold rolled	m		£48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item	1	£290.00	£290.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
4.3	Super Flex Liner 100mm drain Line 150mmØ drain	m m		£90.00 £70.00	£0.00
4.5	Super Flex Liner 150mm drain	m		£110.00	20.00
4.4	Post lining CCTV survey	no		£100.00	£0.00
4.5	Minimum lining charge	Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr	1	£65.00	£65.00
4.7	Set up lining rig for patch lining	Item		£0.00	£0.00
4.8	Patch line 100mmØ drain	no	2	£250.00	£0.00
4.9 4.10	Patch line 150mmØ drain Post patch lining CCTV survey	no Item	3	£280.00 £100.00	£840.00 £0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no		£190.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no		£280.00	£0.00
-	Epoxy resin	no		£22.00	-
5.0	Miscellaneous				
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%		£1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value	Item		£346.50	£0.00
5.5 5.6	Water supply pipe investigations		 	£0.00 £195.43	£0.00
5.7	Spot Repair	+	-	£592.25	£0.00
				£0.00	£0.00
5.8	Additional items				***
	radiional tollo			007.00	00.00
6.0	Describes (64/silve)		•	£65.00	£0.00
6.0 6.1	De-scaling (fat/grime)	hr		600 00	
6.0 6.1 6.2	De-scaling (scale using chain flails)	hr		£90.00	£0.00
6.0 6.1 6.2 6.3	De-scaling (scale using chain flails) Gully surround	hr item		£30.00	£0.00
6.0 6.1 6.2 6.3 6.4	De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m)	hr item item		£30.00 £80.00	£0.00 £0.00
6.0 6.1 6.2 6.3	De-scaling (scale using chain flails) Gully surround	hr item		£30.00	£0.00
6.0 6.1 6.2 6.3 6.4 6.6 6.7 6.8	De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m) Oversize soakaway (1.5m3) Soakaway > 1.5m3 Waste disposal	hr item item item		£30.00 £80.00 £600.00 POA £20.00	£0.00 £0.00 £0.00
6.0 6.1 6.2 6.3 6.4 6.6 6.7	De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m) Oversize soakaway (1.5m3) Soakaway >1.5m3 Waste disposal Shoring	hr item item item item		£30.00 £80.00 £600.00 POA	£0.00 £0.00 £0.00 £0.00
6.0 6.1 6.2 6.3 6.4 6.6 6.7 6.8	De-scaling (scale using chain flails) Gully surround Manhole works (up to 1.2m) Oversize soakaway (1.5m3) Soakaway > 1.5m3 Waste disposal	hr item item item item item item item	5.0	£30.00 £80.00 £600.00 POA £20.00	£0.00 £0.00 £0.00

Total subject to VAT @ 20%

Note: Subject to the attached Terms and Condtions

A - When calculating prices, all measurements are rounded up

C - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

G - Daywork rates do not include for materials that are charged at cost plus 25%

KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

Site:-6 Dartmouth Park Avenue

Client :-Attention of:-

Client ref 9268334 Job Number 321278 Insurer Date:-21-Jul-21

		_	Recommendat	ion	6
Item No	Description Run 9 MH2 WP1	Unit	Quantity	Rate	Price
Tem 110	Ruit / MILE VIII	Cint	Quantity	(£)	(£)
1.0	Emergency Drain Blockage Clearance				
1.1	Unblock drain 8am-6pm - First 1/2 Hour Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item Item		£70.00 £30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys				
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.00
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gulley (100mm outlet)	Item		£130.00	£0.00
3.3	Take out and replace rodding point (100mm outlet) Bends/junctions	Item		£90.00	£0.00
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item		£70.00	£0.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13	Pipes				
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m		£95.00	£0.00
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m		£120.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m		£95.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m		£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.00
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m		£150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.00
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.00
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.00
3.29	Excavate through and replace block paving	m		£50.00	£0.00
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m		£47.00	£0.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm. Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m m		£90.00 £115.00	£0.00
3.34	Excavate through and reinstate Termored concrete, thickness 100-200mm. Excavate through and reinstate Tarmac - Cold rolled	m		£48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	20.00
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item		£290.00	£0.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
	Super Flex Liner 100mm drain	m		£90.00	
4.3	Line 150mmØ drain	m		£70.00	£0.00
	Super Flex Liner 150mm drain	m		£110.00	
4.4	Post lining CCTV survey	no		£100.00	£0.00
4.5	Minimum lining charge Root cutting of drain prior to lining	Item hr		£290.00 £65.00	£0.00
4.7	Set up lining rig for patch lining	Item		£0.00	£0.00
4.8	Patch line 100mmØ drain	no	1	£250.00	£250.00
4.9	Patch line 150mmØ drain	no		£280.00	£0.00
4.10	Post patch lining CCTV survey	Item		£100.00	£0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no		£190.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no	1	£280.00	00.03
	Epoxy resin	no	<u> </u>	£22.00	£0.00
5.0	Miscellaneous				
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%	ļ	£1.25	£0.00
5.3	Daywork - Hourly labour rate Minimum project value	hr		£30.00	£0.00
5.4	Minimum project value	Item	 	£346.50 £0.00	£0.00
5.6		1	1	£195.43	£0.00
5.7	<u> </u>	1		£592.25	£0.00
5.8				£0.00	£0.00
6.0	Additional items			-	
		+ .	†	875.00	00.00
6.1	De-scaling (fat/grime) De-scaling (cools using shain fleils)	hr		£65.00	£0.00
6.2	De-scaling (scale using chain flails) Gully surround	hr item	1	£90.00 £30.00	£0.00
6.4	Manhole works (up to 1.2m)	item		£80.00	£0.00
6.6	Oversize soakaway (1.5m3)	item	1	£600.00	£0.00
	Soakaway >1.5m3	item		POA	_0.00
0.7	Waste disposal	m		£20.00	£0.00
6.7					
	Shoring	m		£40.00	£0.00
6.8		_	6.0 0.00	£40.00	£0.00 £250.00 £0.00

Note: Subject to the attached Terms and Conditions

A - When calculating prices, all measurements are rounded up

C - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

G - Daywork rates do not include for materials that are charged at cost plus 25%

KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

CET STRUCTURES LTD TERMS AND CONDITIONS

Site:- 6 Dartmouth Park Avenue

Client Ref:- 9268334

Client :- Job Number:- 321278

Attention of:- Insurer:-

Date:- 21-Jul-21

General Terms and Conditions

On site parking is a prerequisite of any drain repair contract. This quotation is to the addressee only and should not be forwarded unless prior agreement is obtained from CET Structures Ltd. Every effort will be made to match existing surfaces however, there will be evidence of excavation works in certain circumstances.

- 2 The rates do not include for excavation of surfaces other than soft ground or concrete < 100mm thick; reinstatement other than concrete <100mm thick; internal excavations; reinstatement >750mm in width; excavation of depths greater than 1.2m; reinforced concrete.
- 3 CET's standard soakaway that is priced on the agreed alliance schedule of drainage rates is constructed to dimensions specified in the NHBC Guidelines for small soakaways. The soakaway is generally located 5m from any foundations (should site constraints permit) and is constructed to provide adequate short term surface water storage and percolation into surrounding ground. This small 1m3 soakaway is usually of sufficient capacity to accommodate average rainfall from an average surface area of roof space, however in extreme weather conditions and /or larger than average roof surface area feeding the soakaway, surcharging may occur. Alternative designs and prices are available at a cost along with percolation testing. Certain ground conditions may not be suitable for soakaway design due to low permeability and this information is not always readily available.

Notes

For excavation and reinstatement of any steps, will be done on day work rate.

With a minimum of 4 hours. Materials at cost plus 25%.

Any obstacles, shrubs & plants that are located in the working area will need to be removed by others to allow for these works

Water Authority Sewer Condition Codes

В	Broken pipe at (or from to) o'clock	JN	Junction ato'clock, diametermm
BR	Branch Major	JX	Junction defective at o'clock, diameter mm
CC	Crack circumferential from to o'clock	LC	Lining of sewer changes/starts/finishes at this
\mathbf{CL}	Crack longitudinal @ o'clock	LD	Line of sewer deviates down
\mathbf{CM}	Cracks multiple from to o'clock	$\mathbf{L}\mathbf{L}$	Line of sewer deviates left
CN	Connection at o'clock, diameter mm	LN	Line defect at (or from to) o'clock
CNI	Connection at o'clock, diameter mm, intrusion mm	LR	Line of sewer deviates right
\mathbf{CU}	Camera under water	LU	Line of sewer deviates up
CX	Connection defective at o'clock	MB	Missing bricks at (or from to) o'clock
CXI	Connection defective at o'clock, diameter mm,	MC	Material of sewer changes at this point
	intrusion mm	MH	Manhole/node
D	Deformed sewer %	MM	Mortar missing medium at (or from to) o'c
DB	Displaced bricks at (or from to) o'clock	MS	Mortar missing surface at (or from to) o'cl
DC	Dimension of sewer changes at this point	MT	Mortar missing total at (or from to) o'cloc
DE	Debris (non silt/grease) % cross-sectional loss	OB	Obstruction % height/diameter loss
DEG	Debris grease % cross-sectional area loss	OJL	Open joint large
DES	Debris silt % cross-sectional area loss	OJM	Open joint medium
DI	Dropped invert, gap mm	PC	Length of pipe forming sewer changes at this
EHJ	Encrustation heavy from to o'clock % cross-sectional		new lengthmm
	area loss (at joint)	RFJ	Roots fine (at joint)
	Encrustation light from to o'clock%	RMJ	Roots mass % cross-sectional area loss (at
EMJ	Encrustation medium from to o'clock %, cross-sectional	RTJ	Roots tap (at joint)
	area loss (at joint)	SA	Survey abandoned
ESH	Scale heavy % cross-sectional area loss from to	SC	Shape of sewer changes at this point
	o'clock	SSL	Surface damage, spalling large at (or from to
	Scale light from to o'clock		o'clock
ESM	Scale medium % cross-sectional area loss from to	SSM	Surface damage, spalling medium at (or from
	o'clock		o'clock
FC	Fracture circumferential from to o'clock	SSS	Surface damage, spalling slight at (or from t
FL	Fracture longitudinal at o'clock		o'clock
FM	Fractures multiple from to o'clock	SWL	
GO	General observation at this point		o'clock
GP	General photograph number taken at this point	SWN	
H	Hole in sewer at o'clock		o'clock
IDJ	Infiltration dripper at (or from to) o'clock (at joint)	SWS	Surface damage, wear slight at (or from to.
IGJ	Infiltration gusher at (or from to) o'clock (at joint)		o'clock
IRJ	Infiltration runner at (or from to) o'clock (at joint)	V	Vermin (rats and mice)
ISJ	Infiltration seeper at (or from to) o'clock (at joint)	WL	Water level % height/diameter
JDM		X	Sewer collapsed % cross-sectional area loss
JDL	Joint displaced large	FH	End of survey